



Custom Tree Design for 3D Printing Worksheet

Name _____

**Make changes to the values and record the numbers below
Press the F5 key and draw the shape you made.**

Try changing one value at a time.

| Values used | Draw a sketch of your tree |
|---|---|
| number= <u> 1 </u> branches= <u> 1 </u> overhang= <u> 0 </u> |  |
| number= <u> 1 </u> branches= <u> 2 </u> overhang= <u> 0 </u> |  |
| number= <u> </u> branches= <u> </u> overhang= <u> </u> | |
| number= <u> </u> branches= <u> </u> overhang= <u> </u> | |
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OpenSCAD tips:

1. Change the values on the left side and then press F5 on your keyboard to see changes on the right.
2. Moving the Model on the right
 - ROTATE = mouse + left click + drag
 - MOVE = mouse + right click + drag
 - ZOOM = mouse wheel
 - Center model = keyboard Ctrl+P
 - set diagonal view = keyboard Ctrl+0
3. Use the View menu at the top to “show axes” if that helps.
4. Use the Design menu to Export as Image...

